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FILE 'HOME' ENTERED AT 20:21:07 ON 18 SEP 2002

=> index cheistry polymer bioscince patents pharmacology medicine
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INDEX 'AGRICOLA, ALUMINIUM, ANABSTR, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA,
      CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI,
      COPPERLIT, CORROSION, DKILIT, ENCOMPLIT, ENCOMPLIT2, FEDRIP, GENBANK,
      INSPEC, INSPHYS, INVESTEXT, IPA, ...' ENTERED AT 20:22:09 ON 18 SEP 2002

108 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
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=> s cyclosporin and (synthesis or synthesised)
          9   FILE AGRICOLA
          3   FILE ANABSTR
         48   FILE BABS
        554   FILE BIOTECHNO
         11   FILE CABA
        869   FILE CAPLUS
          7   FILE CBNB
          2   FILE CEABA-VTB
         15   FILE CEN
          3   FILE CIN
          1   FILE COMPENDEX
          3   FILE CONFSCI
         11   FILE FEDRIP
          1   FILE GENBANK
         16   FILE INVESTEXT
          9   FILE IPA
         44   FILE JICST-EPLUS
          5   FILE KOSMET
          5   FILE NAPRALERT
  32 FILES SEARCHED...
          1   FILE NIOSHTIC
          5   FILE NTIS
        216   FILE PASCAL
         26   FILE PROMT
          2   FILE RAPRA
        568   FILE SCISEARCH
         40   FILE IFIPAT
       2644   FILE USPATFULL
         22   FILE USPAT2
         55   FILE WPIDS
         55   FILE WPINDEX
         57   FILE ADISALERTS
         35   FILE ADISINSIGHT
         13   FILE ADISNEWS
         14   FILE BIOBUSINESS
        744   FILE BIOSIS
         14   FILE BIOTECHABS
         14   FILE BIOTECHDS
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        363   FILE CANCERLIT
          3   FILE DDFB
        277   FILE DDFU
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          3   FILE DRUGB
        475   FILE DRUGU
          1   FILE DRUGUPDATES
          5   FILE EMBAL
       1719   FILE EMBASE
        273   FILE ESBIOBASE
          4   FILE HEALSAFE
        265   FILE LIFESCI
        814   FILE MEDLINE
          1   FILE OCEAN
         13   FILE PHAR
          1   FILE PHIC
          3   FILE PHIN
          1   FILE SYNTHLINE
        713   FILE TOXCENTER
          3   FILE VETU
  93 FILES SEARCHED...
          4   FILE DPCI
        518   FILE EUROPATFULL
         11   FILE INPADOC
          6   FILE PATOSEP
          6   FILE PATOSWO
        995   FILE PCTFULL
         15   FILE NLDB

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L1    QUE CYCLOSPORIN AND (SYNTHESIS OR SYNTHESISED)

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                                                         ENTRY    SESSION
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L3             6 FILE EMBASE
L4           610 FILE PCTFULL
L5            17 FILE CAPLUS
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L9             4 FILE SCISEARCH
L10            1 FILE BIOTECHNO
L11          283 FILE EUROPATFULL
L12            2 FILE DRUGU
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L14            0 FILE ESBIOBASE
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L30            0 FILE BIOTECHDS
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L64         524 FILE PCTFULL
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L120            0 FILE SYNTHLINE

TOTAL FOR ALL FILES
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=> s l121 and MeBmt
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L124            1 FILE PCTFULL
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L179          0 FILE PHIC
L180          0 FILE SYNTHLINE

TOTAL FOR ALL FILES
L181         38 L121 AND MEBMT

=> d l181 1-38 ibib abs

L181 ANSWER 1 OF 38  USPATFULL
ACCESSION NUMBER:         2002:224588  USPATFULL
TITLE:                    Methods of using inhibitors of cyclophilin rotamase
                          activity to affect neurological activity
INVENTOR(S):              Steiner, Joseph P., Finksburg, MD, United States
                          Hamilton, Gregory S., Catonsville, MD, United States
                          Snyder, Solomon H., Baltimore, MD, United States
PATENT ASSIGNEE(S):       Guilford Pharmaceuticals Inc., Baltimore, MD, United
                          States (U.S. corporation)
                          Johns Hopkins University School of Medicine, Baltimore,
                          MD, United States (U.S. corporation)

                               NUMBER         KIND    DATE
                               -------------- ------ --------
PATENT INFORMATION:       US 6444643          B1    20020903
APPLICATION INFO.:        US 1999-321762            19990528  (9)
RELATED APPLN. INFO.:     Continuation of Ser. No. US 1995-560635, filed on 20
                          Nov 1995, now abandoned
DOCUMENT TYPE:            Utility
FILE SEGMENT:             GRANTED
PRIMARY EXAMINER:         Kunz, Gary L.
ASSISTANT EXAMINER:       Gucker, Stephen
LEGAL REPRESENTATIVE:     Howrey Simon Arnold & White, LLP
NUMBER OF CLAIMS:         6
EXEMPLARY CLAIM:          1
NUMBER OF DRAWINGS:       1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT:               923
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB     This invention relates to the method of using neurotrophic cyclophilin
       inhibitor compounds having an affinity for cyclophilin-type
       immunophilins as inhibitors of the enzyme activity associated with
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immunophilin proteins, and particularly inhibitors of peptidyl-prolyl isomerase or rotamase enzyme activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 2 OF 38 USPATFULL
ACCESSION NUMBER: 2002:8197 USPATFULL
TITLE: Synthetic transcriptional modulators and uses thereof
INVENTOR(S): Verdine, Gregory L., Lexington, MA, UNITED STATES
Nyanguile, Origene, Gaithersburg, MD, UNITED STATES
PATENT ASSIGNEE(S): President and Fellows of Harvard College (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004195	A1	20020110
APPLICATION INFO.:	US 2000-751309	A1	20001229 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-208057, filed on 9 Dec 1998, GRANTED, Pat. No. US 6183965 Continuation-in-part of Ser. No. US 1997-987912, filed on 9 Dec 1997, GRANTED, Pat. No. US 6153383
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: FOLEY, HOAG & ELIOT, LLP, PATENT GROUP, ONE POST OFFICE SQUARE, BOSTON, MA, 02109
NUMBER OF CLAIMS: 33
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 6 Drawing Page(s)
LINE COUNT: 3196
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Novel synthetic transcriptional modulators having at least one selected ligand linked to at least one transcriptional modulating portion are described. The transcriptional modulators of the present invention can include a ligand linked to a chemical moiety. These transcriptional modulators can be used to selectively control gene expression and to identify components of the transcriptional machinery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 3 OF 38 USPATFULL
ACCESSION NUMBER: 2001:202601 USPATFULL
TITLE: Regulated apoptosis
INVENTOR(S): Crabtree, Gerald, Woodside, CA, United States
Schreiber, Stuart, Boston, MA, United States
Spencer, David, Houston, TX, United States
Wandless, Thomas, Palo Alto, CA, United States
Belshaw, Peter, Somerville, MA, United States
Ho, Steffan N, San Diego, CA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland Stanford Junior University, Stanford, CA, United States (U.S. corporation)
President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6316418	B1	20011113
APPLICATION INFO.:	US 1999-302629		19990430 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1998-87811, filed on 29 May 1998, now patented, Pat. No. US 6054436 Continuation of Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 Continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned Continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned , said Ser. No. US 179143 And Ser. No. US 302629

Continuation-in-part of Ser. No. US 1994-196043, filed on 11 Feb 1994, now abandoned Continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned Continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned Continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Schwartzman, Robert A.
LEGAL REPRESENTATIVE: Vincent, Matthew P.Ropes & Gray
NUMBER OF CLAIMS: 18
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 35 Drawing Figure(s); 34 Drawing Page(s)
LINE COUNT: 4291
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins and disclose methods and materials for using that procedure to regulatably initiate cell-specific apoptosis (programmed cell death) in genetically engineered cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 4 OF 38 USPATFULL
ACCESSION NUMBER: 2001:282588 USPATFULL
TITLE: **Cyclosporin** a conjugates and uses therefor
INVENTOR(S): Rich, Daniel H., Madison, WI, United States
Solomon, Michael E., Arlington, MA, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6316405	B1	20011113	
APPLICATION INFO.:	US 1999-242724		19990222	(9)
	WO 1998-US17544		19980825	
			19990222	PCT 371 date
			19990222	PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-57751P	19970826 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Carlson, Karen Cochrane
ASSISTANT EXAMINER: Tu, Stephen
LEGAL REPRESENTATIVE: Leone, Esq., Joseph T.Dewitt Ross & Stevens S.C.
NUMBER OF CLAIMS: 13
EXEMPLARY CLAIM: 1
LINE COUNT: 2215
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are conjugates of A.beta.-binding peptides and CsA analogs and conjugates of A.beta.-binding peptides and FK506 Binding Peptide inhibitors. These conjugates chemically induce dimerization of either cyclophilin or FK506 Binding Peptide with A.beta. peptide, a major component of amyloid plaques found in neurological disorders such as Alzheimer's disease, multiple sclerosis, and amyotrophic lateral sclerosis. The conjugates are useful in the treatment of neurological diseases involving the formation of amyloid plaques because they inhibit and/or prevent the aggregation and deposition of A.beta. peptide into plaques.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 5 OF 38 USPATFULL
ACCESSION NUMBER: 2001:125737 USPATFULL
TITLE: Non-Immunosuppressive **cyclosporins** and their use in the prevention and treatment of HIV infection
INVENTOR(S): Rich, Daniel H., Madison, WI, United States
Solomon, Michael E., Arlington, MA, United States
PATENT ASSIGNEE(S): Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S. corporation

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6170957	B1	20010807	
	WO 9910373		19990304	
APPLICATION INFO.:	US 1999-242723		19990222	(9)
	WO 1998-US17542		19980825	
			19990222	PCT 371 date
			19990222	PCT 102(e) date

	NUMBER	DATE
PRIORITY INFORMATION:	US 1997-57751P	19970826 (60)

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Park, Hankyel T.
LEGAL REPRESENTATIVE: Leone, Esq., Joseph T.DeWitt Ross & Stevens S.C.
NUMBER OF CLAIMS: 31
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 2601
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed are **cyclosporin** analogs having amino acid residue substitutions at positions 1, 3, or 7 of the **cyclosporin** peptide backbone. Also disclosed are conjugates of these **cyclosporin** analogs in which an HIV protease inhibitor moiety is conjugated to the position-7 amino acid residue of the **cyclosporin**. These compounds simultaneously bind to and inhibit cyclophilin and HIV protease. The compounds have good bioavailability and potent HIV inhibitory activity. They are useful in the treatment and prevention of HIV-mediated disorders, including AIDS.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 6 OF 38 USPATFULL
ACCESSION NUMBER: 2001:102610 USPATFULL
TITLE: **Cyclosporin** fermentation process
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 6255100	B1	20010703	
APPLICATION INFO.:	US 1999-393282		19990909	(9)
RELATED APPLN. INFO.:	Division of Ser. No. US 1998-84709, filed on 26 May 1998, now patented, Pat. No. US 5981479 Division of Ser. No. US 1995-427312, filed on 24 Apr 1995, now patented, Pat. No. US 5767069 Continuation of Ser. No. US 1994-231795, filed on 25 Apr 1994, now abandoned Continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned Continuation of Ser. No. US			

1991-785959, filed on 31 Oct 1991, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-22859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Lopez, Gabriel
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 809
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Cyclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 7 OF 38 USPATFULL
ACCESSION NUMBER: 2001:18213 USPATFULL
TITLE: Synthetic transcriptional modulators and uses thereof
INVENTOR(S): Verdine, Gregory L., Lexington, MA, United States
Nyanguile, Origene, Gaithersburg, MD, United States
PATENT ASSIGNEE(S): President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6183965	B1	20010206
APPLICATION INFO.:	US 1998-208057		19981209 (9)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1997-987912, filed on 9 Dec 1997
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Schwartzman, Robert A.
LEGAL REPRESENTATIVE: Foley, Hoag & Eliot, LLP, Clauss, Isabelle M., Vincent, Matthew P.
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 11 Drawing Figure(s); 7 Drawing Page(s)
LINE COUNT: 3213
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Novel synthetic transcriptional modulators having at least one selected ligand linked to at least one transcriptional modulating portion are described. The transcriptional modulators of the present invention can include a ligand linked to a chemical moiety. These transcriptional modulators can be used to selectively control gene expression and to identify components of the transcriptional machinery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 8 OF 38 USPATFULL
ACCESSION NUMBER: 2000:174415 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States

Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland Stanford Jr. University, Stanford, CA, United States (U.S. corporation)
President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6166787		20001226
APPLICATION INFO.:	US 1998-87647		19980529 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-478386, filed on 7 Jun 1995, now patented, Pat. No. US 5830462 And a continuation-in-part of Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned , said Ser. No. US 478386 which is a division of Ser. No. US 1995-388653, filed on 14 Feb 1995, now patented, Pat. No. US 5869337 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 11 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Berstein, David L., Hausdorff, Sharon F., Clauss, Isabelle M.
NUMBER OF CLAIMS: 129
EXEMPLARY CLAIM: 62
NUMBER OF DRAWINGS: 36 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 5958
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dimerization and oligomerization of proteins are general biological control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of this invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)-CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene. Regulated intracellular protein association with our cell permeable, synthetic ligands offers new capabilities in biological research and medicine, in particular, in gene therapy. Using gene transfer techniques to introduce our artificial receptors, one can turn on or off the signaling pathways that lead to the overexpression of therapeutic proteins by administering orally active "dimerizers" or "de-dimerizers", respectively. Since cells from different recipients can be configured to have the pathway overexpress different therapeutic proteins for use in a variety of disorders, the dimerizers have the potential to serve as "universal

drugs". They can also be viewed as cell permeable, organic replacements for therapeutic antisense agents or for proteins that would otherwise require intravenous injection or intracellular expression (e.g., the LDL receptor or the CFTR protein).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 9 OF 38 USPATFULL
ACCESSION NUMBER: 2000:160780 USPATFULL
TITLE: Synthetic transcriptional modulators and uses thereof
INVENTOR(S): Verdine, Gregory L., 91 Outlook Dr., Lexington, MA, United States 02173
Nyanguile, Origene, 2517 Baltimore Rd. #4, Rockville, MD, United States 20853

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6153383		20001128
APPLICATION INFO.:	US 1997-987912		19971209 (8)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Schwartzman, Robert A.
LEGAL REPRESENTATIVE: Foley, Hoag & Eliot LLP, Vincent, Matthew P., Clauss, Isabelle M.
NUMBER OF CLAIMS: 35
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 7 Drawing Figure(s); 4 Drawing Page(s)
LINE COUNT: 3897
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Novel synthetic transcriptional modulators having at least one selected ligand linked to at least one transcriptional modulating portion are described. The transcriptional modulators of the present invention can include a ligand linked to a chemical moiety. These transcriptional modulators can be used to selectively control gene expression and to identify components of the transcriptional machinery.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 10 OF 38 USPATFULL
ACCESSION NUMBER: 2000:50686 USPATFULL
TITLE: Regulated apoptosis
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland S. Stanford Jr. Univ., Stanford, CA, United States (U.S. corporation)
President & Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6054436		20000425
APPLICATION INFO.:	US 1998-87311		19980529 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned And a continuation-in-part of Ser. No. US 1994-196043, filed on 14 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a

continuation-in-part of Ser. No. US 1993-93877, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Berstein, David L., Hausdorff, Sharon F., Clauss, Isabelle M.
NUMBER OF CLAIMS: 64
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 35 Drawing Figure(s); 34 Drawing Page(s)
LINE COUNT: 5061
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins and disclose methods and materials for using that procedure to regulatably initiate cell-specific apoptosis (programmed cell death) in genetically engineered cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 11 OF 38 USPATFULL
ACCESSION NUMBER: 2000:40892 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
Ho, Steffan N., San Diego, CA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland Stanford Jr. University, Stanford, CA, United States (U.S. corporation)
President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6046047		20000404
APPLICATION INFO.:	US 1998-157230		19980916 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-388653, filed on 14 Feb 1995, now patented, Pat. No. US 5869337 And a continuation-in-part of Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned , said Ser. No. US 388653 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 14 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Degen, Nancy
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Berstein, David L., Vincent, Matthew P., Clauss, Isabelle M.
NUMBER OF CLAIMS: 127

EXEMPLARY CLAIM: 65
NUMBER OF DRAWINGS: 37 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 4582
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dimerization and oligomerization of proteins are general biological control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of tis invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)-CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene. Regulated intracellular protein association with our cell permeable, synthetic ligands offers new capabilities in biological research and medicine, in particular, in gene therapy. Using gene transfer techniques to introduce our artificial receptors, one can turn on or off the signaling pathways that lead to the overexpression of therapeutic proteins by administering orally active "dimerizers" or "de-dimerizers", respectively. Since cells from different recipients can be configured to have the pathway overexpress different therapeutic proteins for use in a variety of disorders, the dimerizers have the potential to serve as "universal drugs". They can also be viewed as cell permeable, organic replacements for therapeutic antisense agents or for proteins that would otherwise require intravenous injection or intracellular expression (e.g., the LDL receptor or the CFTR protein).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 12 OF 38 USPATFULL
ACCESSION NUMBER: 2000:37639 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Ho, Steffan N., San Diego, CA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland Stanford Jr. Univ., Stanford, CA, United States (U.S. corporation)
President & Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6043082		20000328
APPLICATION INFO.:	US 1998-157753		19980916 (3)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-388653, filed on 14 Feb 1995, now patented, Pat. No. US 5869337 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 14 Feb 1994 which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned And a continuation of Ser. No. US 1994-292597, filed on 18 Aug 1994, now

patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Bernstein, David L., Vincent, Matthew P., Clauss, Isabelle M.
NUMBER OF CLAIMS: 71
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 37 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 4828
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dimerization and oligomerization of proteins are general biological control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of this invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene. Regulated intracellular protein association with our cell permeable, synthetic ligands offers new capabilities in biological research and medicine, in particular, in gene therapy. Using gene transfer techniques to introduce our artificial receptors, one can turn on or off the signaling pathways that lead to the overexpression of therapeutic proteins by administering orally active "dimerizers" or "de-dimerizers", respectively. Since cells from different recipients can be configured to have the pathway overexpress different therapeutic proteins for use in a variety of disorders, the dimerizers have the potential to serve as "universal drugs". They can also be viewed as cell permeable, organic replacements for therapeutic antisense agents or for proteins that would otherwise require intravenous injection or intracellular expression (e.g., the LDL receptor or the CFTR protein).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 13 OF 38 USPATFULL
ACCESSION NUMBER: 2000:1861 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): Board of Trustees of Leland Stanford Jr. University, Stanford, CA, United States (U.S. corporation)
President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6011018		20000104

APPLICATION INFO.: US 1998-87716 19980529 (9)
RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-388653, filed on 14 Feb 1995, now patented, Pat. No. US 5869337 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 11 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17431, filed on 12 Feb 1993, now abandoned And a continuation-in-part of Ser. No. US 1994-293597, filed on 19 Aug 1994, now patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Berstein, David L., Hausdorff, Sharon F., Vincent, Matthew P.
NUMBER OF CLAIMS: 70
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 36 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 4687
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Dimerization and oligomerization of proteins are general biological control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of this invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)-CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene. Regulated intracellular protein association with our cell permeable, synthetic ligands offers new capabilities in biological research and medicine, in particular, in gene therapy. Using gene transfer techniques to introduce our artificial receptors, one can turn on or off the signaling pathways that lead to the overexpression of therapeutic proteins by administering orally active "dimerizers" or "de-dimerizers", respectively. Since cells from different recipients can be configured to have the pathway overexpress different therapeutic proteins for use in a variety of disorders, the dimerizers have the potential to serve as "universal drugs". They can also be viewed as cell permeable, organic replacements for therapeutic antisense agents or for proteins that would otherwise require intravenous injection or intracellular expression (e.g., the LDL receptor or the CFTR protein).

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 14 OF 38 USPATFULL
ACCESSION NUMBER: 1999:155696 USPATFULL
TITLE: Regulated apoptosis
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States

Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Somerville, MA, United States
PATENT ASSIGNEE(S): Board of Trustees of the Leland S. Stanford, Jr. Univ., Stanford, CA, United States (U.S. corporation)
President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5994313		19991130
APPLICATION INFO.:	US 1995-483898		19950607 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 14 Feb 1994, now abandoned And Ser. No. US 1994-179143, filed on 17 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned , said Ser. No. US 196043 which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Bernstein, David L., Hausdorff, Sharon F., Vincent, Matthew P.
NUMBER OF CLAIMS: 48
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 32 Drawing Figure(s); 34 Drawing Page(s)
LINE COUNT: 4791
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins and disclose methods and materials for using that procedure to regulatably initiate cell-specific apoptosis (programmed cell death) in genetically engineered cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L131 ANSWER 15 OF 38 USPATFULL
ACCESSION NUMBER: 1999:141886 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981479		19991109
APPLICATION INFO.:	US 1998-84709		19980526 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-427313, filed on 24 Apr 1995, now patented, Pat. No. US 5767069

	NUMBER	DATE

PRIORITY INFORMATION: GB 1990-23859 19901102
GB 1990-23870 19901105
GB 1990-23871 19901105
GB 1990-23872 19901105
GB 1991-16536 19910805
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia J.
LEGAL REPRESENTATIVE: Lopez, Gabriel, Furman, Diane E.
NUMBER OF CLAIMS: 10
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 841
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Ciclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 16 OF 38 USPATFULL
ACCESSION NUMBER: 1999:19001 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): President and Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)
Board of Trustees of Leland S. Stanford Jr. University, Stanford, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5869337		19990209
APPLICATION INFO.:	US 1995-388653		19950214 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-196043, filed on 11 Feb 1994 And Ser. No. US 1994-292597, filed on 18 Aug 1994, now patented, Pat. No. US 5834266 , each Ser. No. US which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned , said Ser. No. US 292597 which is a continuation-in-part of Ser. No. US 1994-179148, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 17931
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Vincent, Matthew P., Clauss, Isabelle M.Foley, Hoag & Eliot LLP
NUMBER OF CLAIMS: 165
EXEMPLARY CLAIM: 95
NUMBER OF DRAWINGS: 37 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 4716
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Dimerization and oligomerization of proteins are general biological

control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of this invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)-CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene. Regulated intracellular protein association with our cell permeable, synthetic ligands offers new capabilities in biological research and medicine, in particular, in gene therapy.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 17 OF 38 USPATFULL
ACCESSION NUMBER: 1998:138709 USPATFULL
TITLE: Regulated apoptosis
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Somerville, MA, United States
PATENT ASSIGNEE(S): President & Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)
Board of Trustees of Leland Stanford Jr. University, Stanford, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5834266		19981110
APPLICATION INFO.:	US 1994-292597		19940818 (8)

RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 1994-179143, filed on 7 Jan 1994, now abandoned And Ser. No. US 1994-179748, filed on 7 Jan 1994 which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned , said Ser. No. US 179143 which is a continuation-in-part of Ser. No. US 1993-93499, filed on 16 Jul 1993
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Vincent, Matthew P., Clauss, Isabelle M.Foley, Hoag & Eliot LLP
NUMBER OF CLAIMS: 235
EXEMPLARY CLAIM: 118
NUMBER OF DRAWINGS: 35 Drawing Figure(s); 34 Drawing Page(s)
LINE COUNT: 5099
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins and disclose methods and materials for using that procedure to regulatably initiate cell-specific apoptosis (programmed cell death) in genetically engineered cells.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 18 OF 38 USPATFULL
ACCESSION NUMBER: 1998:134606 USPATFULL
TITLE: Regulated transcription of targeted genes and other biological events
INVENTOR(S): Crabtree, Gerald R., Woodside, CA, United States
Schreiber, Stuart L., Cambridge, MA, United States
Spencer, David M., Los Altos, CA, United States
Wandless, Thomas J., Cambridge, MA, United States
Belshaw, Peter, Cambridge, MA, United States
PATENT ASSIGNEE(S): President & Fellows of Harvard College, Cambridge, MA, United States (U.S. corporation)
Board of Trustees of Leland S. Stanford, Jr. University, Stanford, CA, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5830462		19981103
APPLICATION INFO.:	US 1995-478386		19950607 (8)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-388653, filed on 14 Feb 1995 And a continuation-in-part of Ser. No. US 1994-292597, filed on 18 Aug 1994 which is a continuation-in-part of Ser. No. US 1994-179748, filed on 7 Jan 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-92977, filed on 16 Jul 1993, now abandoned which is a continuation-in-part of Ser. No. US 1993-17931, filed on 12 Feb 1993, now abandoned , said Ser. No. US 388653 which is a continuation-in-part of Ser. No. US 1994-196043, filed on 11 Feb 1994 which is a continuation-in-part of Ser. No. US 179748 which is a continuation-in-part of Ser. No. US 92977 which is a continuation-in-part of Ser. No. US 17931
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Elliott, George C.
ASSISTANT EXAMINER: Schwartzman, Robert
LEGAL REPRESENTATIVE: Vincent, Matthew P., Clauss, Isabelle M.Foley, Hoag & Eliot LLP
NUMBER OF CLAIMS: 127
EXEMPLARY CLAIM: 34
NUMBER OF DRAWINGS: 37 Drawing Figure(s); 36 Drawing Page(s)
LINE COUNT: 4581
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Dimerization and oligomerization of proteins are general biological control mechanisms that contribute to the activation of cell membrane receptors, transcription factors, vesicle fusion proteins, and other classes of intra- and extracellular proteins. We have developed a general procedure for the regulated (inducible) dimerization or oligomerization of intracellular proteins. In principle, any two target proteins can be induced to associate by treating the cells or organisms that harbor them with cell permeable, synthetic ligands. To illustrate the practice of this invention, we have induced: (1) the intracellular aggregation of the cytoplasmic tail of the .zeta. chain of the T cell receptor (TCR)-CD3 complex thereby leading to signaling and transcription of a reporter gene, (2) the homodimerization of the cytoplasmic tail of the Fas receptor thereby leading to cell-specific apoptosis (programmed cell death) and (3) the heterodimerization of a DNA-binding domain (Gal4) and a transcription-activation domain (VP16) thereby leading to direct transcription of a reporter gene.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 19 OF 38 USPATFULL

ACCESSION NUMBER: 1998:68992 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, Great Britain
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5767069		19980616
APPLICATION INFO.:	US 1995-427312		19950424 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-232795, filed on 25 Apr 1994, now abandoned which is a continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned which is a continuation of Ser. No. US 1991-785959, filed on 31 Oct 1991, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910803

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Achutamurthy, Ponnathapura
ASSISTANT EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Mathias, Marla J., McGovern, Thomas O.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 779
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Nonimmunosuppressant **cyclosporin** derivatives having cyclophilin-binding activity, for example, the compound, [MeIle].sup.4 -ciclosporin, are useful in inhibiting HIV-1 replication in treating AIDS and AIDS related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 20 OF 38 USPATFULL
ACCESSION NUMBER: 97:56636 USPATFULL
TITLE: O-acylated **cyclosporins**
INVENTOR(S): Boelsterli, Johann Jakob, Buus, Switzerland
Eberle, Marcel Karl, Riehen, Switzerland
Naef, Reto, Pheinfelden, Switzerland
Payne, Trevor Glyn, Berne, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5643870		19970701
APPLICATION INFO.:	US 1993-23525		19930226 (8)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1992-4466	19920302

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia

ASSISTANT EXAMINER: Marshall, S. G.
LEGAL REPRESENTATIVE: Honor, Robert S., Kassenoff, Melvyn M., McGovern, Thomas C.
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 770
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB A **cyclosporin** of the formula ##STR1## wherein A is a residue of the formula ##STR2## wherein R is hydrogen, C.sub.1-3 **alkyl**, C.sub.1-3 alkoxy or C.sub.1-3 alkylthio; halo-substituted-C.sub.1-3 **alkyl**, -C.sub.1-3 alkoxy or -C.sub.1-3 alkylthio; hydroxy-substituted-C.sub.1-3 **alkyl**, -C.sub.2-3 alkoxy or -C.sub.2-3 alkylthio; or amino or mono- or di-(C.sub.1-2 **alkyl**)-amino,

X is oxygen or sulphur,

--x--y-- is --CH.dbd.CH-- (trans) or --CH.sub.2 --CH.sub.2 --,

B is -.alpha.Abu-, -Val-, -Thr- or -Nva- and

Q is -(D)Ala-; -(D)Ser-; -[O-(2-hydroxyethyl)(D)Ser]-; or -[O-acyl(D)Ser]- or -[O-(2-acyloxy ethyl)(D)Ser]-

in which the acyl residue is physiologically hydrolysable and acceptable, are useful in the topical treatment of asthma.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 21 OF 38 USPATFULL
ACCESSION NUMBER: 96:50887 USPATFULL
TITLE: **Cyclosporins** and their use as pharmaceuticals
INVENTOR(S): Bollinger, Pietro, Bottmingen, Switzerland
Bolsterli, Johann J., Buus, Switzerland
Payne, Trevor G., Bern; all of, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5525590		19960611
APPLICATION INFO.:	US 1994-337346		19941110 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1993-67274, filed on 24 May 1993, now abandoned which is a continuation of Ser. No. US 1992-874676, filed on 27 Apr 1992, now abandoned which is a continuation of Ser. No. US 1991-704758, filed on 23 May 1991, now abandoned which is a continuation of Ser. No. US 1988-208422, filed on 17 Jun 1988, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1987-14090	19870617
	GB 1987-14093	19870617
	GB 1987-14098	19870617
	GB 1987-14100	19870617
	GB 1987-14115	19870617
	GB 1987-14118	19870617
	GB 1987-14119	19870617
	GB 1987-14125	19870617

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Russel, Jeffrey E.
LEGAL REPRESENTATIVE: Honor, Robert S., Kassenoff, Melvyn M., McGovern, Thomas C.
NUMBER OF CLAIMS: 5

EXEMPLARY CLAIM: 1
LINE COUNT: 2011
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB **Cyclosporins** wherein the residue at the 1-position (typically -**MeBmt**- or -dihydro-**MeBmt**-) is 3'O-acylated or 3'-oxo or -C.sub.1-4 alkoxyimino substituted, or wherein the residue at the 2-position is .beta.-O-acyl or .beta.-oxo substituted, or wherein the residue at the 3 position is -Ile-, or wherein the residue at the 11-position is -MeAla-, -MeIle- or -MeAlloIle- as well as various naturally occurring **cyclosporins**/dihydro-derivatives thereof, are useful in reversing resistance to chemotherapy, in particular resistance to cytostatic or anti-neoplastic therapy. Various of these **cyclosporins** and intermediates for their production are novel. Intermediates wherein the residue (e.g. -**MeBmt**-, -dihydro-**MeBmt**- etc.) at the 1-position is 8'-alkoxy or 7'-desmethyl-7'-hydrocarbyl substituted are novel and useful as immunosuppressants, anti-inflammatory and anti-parasitic agents.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 22 OF 38 USPATFULL
ACCESSION NUMBER: 93:57009 USPATFULL
TITLE: Immunosuppressive fluorinated **cyclosporin** analogs
INVENTOR(S): Durette, Philippe L., New Providence, NJ, United States
Pessolano, Arsenio A., Colonia, NJ, United States
Kollonitsch, Janos, Westfield, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5227467		19930713
APPLICATION INFO.:	US 1991-693783		19910429 (7)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1989-298712, filed on 19 Jan 1989, now abandoned which is a continuation-in-part of Ser. No. US 1987-81255, filed on 3 Aug 1987, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chan, Y. Christina
LEGAL REPRESENTATIVE: Panzer, Curtis C., Speer, Raymond M.
NUMBER OF CLAIMS: 2
EXEMPLARY CLAIM: 1
LINE COUNT: 1022
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB New immunosuppressive **cyclosporin** analogs are disclosed having one or more fluorinated amino acids. These analogs may also have a "C-9 amino acid" wherein the double bond is replaced by a heteroatom such as sulfur or oxygen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 23 OF 38 USPATFULL
ACCESSION NUMBER: 93:42149 USPATFULL
TITLE: **Synthesis** of novel immunosuppressive **cyclosporin** analogs with modified amino acids at position-3
INVENTOR(S): Patchett, Arthur A., Westfield, NJ, United States
Taub, David, Metuchen, NJ, United States
Spegelman, Robert T., Linden, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5214130		19930525
APPLICATION INFO.:	US 1991-744039		19910812 (7)

RELATED APPLN. INFO.: Division of Ser. No. US 1990-485920, filed on 27 Feb 1990, now patented, Pat. No. US 5122511

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lee, Lester L.
ASSISTANT EXAMINER: Davenport, A. M.
LEGAL REPRESENTATIVE: Panzer, Curtis C., Speer, Raymond M.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 637
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB New immunosuppressive **cyclosporin** analogs are disclosed consisting of [dehydro-Ala].sup.8 **cyclosporins** and derived therefrom **cyclosporins** having a sulfur containing amino acid at position-8.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 24 OF 38 USPATFULL
ACCESSION NUMBER: 92:43045 USPATFULL
TITLE: Immunosuppressive **cyclosporin** analogs with modified amino acids at position-8
INVENTOR(S): Patchett, Arthur A., Westfield, NJ, United States
Taub, David, Metuchen, NJ, United States
Goegelman, Robert T., Linden, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5122511		19920616
APPLICATION INFO.:	US 1990-485920		19900227 (7)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lee, Lester L.
ASSISTANT EXAMINER: Davenport, A. M.
LEGAL REPRESENTATIVE: Panzer, Curtis C., Pfeiffer, Hesna J.
NUMBER OF CLAIMS: 11
EXEMPLARY CLAIM: 1
LINE COUNT: 670
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB New immunosuppressive **cyclosporin** analogs are disclosed consisting of [dehydro-Ala].sup.8 **cyclosporins** and derived therefrom **cyclosporins** having a sulfur containing amino acid at position-8.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 25 OF 38 USPATFULL
ACCESSION NUMBER: 92:42742 USPATFULL
TITLE: **Cyclosporin** peptolides having an .alpha.-hydroxycarboxylic acid at position 8
INVENTOR(S): Dreyfuss, Michael M., Basel, Switzerland
Schreier, Max H., Basel, Switzerland
Tscherter, Hans, Allschwil, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5116816		19920526
APPLICATION INFO.:	US 1988-209680		19880620 (7)

	NUMBER	DATE
PRIORITY INFORMATION:	CH 1987-2317	19870619
	CH 1987-2517	19870702

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Chan, Christina
LEGAL REPRESENTATIVE: Sharkin, Gerald D., Honor, Robert S., McGovern, Thomas O.
NUMBER OF CLAIMS: 9
EXEMPLARY CLAIM: 1,9
LINE COUNT: 511
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Cyclic peptolides having the structure of a **cyclosporin** in which one amide linkage is replaced by an ester linkage are obtained by fermentation of fungal strains of the genus Cylindrotrichum Bonorden, or by cyclization of a hydroxy-undecapeptide. The cyclic peptolides have immunosuppressive, anti-inflammatory and anti-parasitic properties.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 26 OF 38 USPATFULL
ACCESSION NUMBER: 90:25853 USPATFULL
TITLE: Novel 6-position **cyclosporin** analogs as non-immunosuppressive antagonists of **cyclosporin** binding to cyclophilin
INVENTOR(S): Dumont, Francis J., Rahway, NJ, United States
Durette, Philippe L., New Providence, NJ, United States
Fessolano, Arsenio A., Colonia, NJ, United States
Roger, Joshua S., Westfield, NJ, United States
Sigal, Nolan H., Westfield, NJ, United States
PATENT ASSIGNEE(S): Merck & Co., Inc., Rahway, NJ, United States (U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4914188		19900403	
APPLICATION INFO.:	US 1987-121827		19871116	(7)

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Lee, Lester L.
ASSISTANT EXAMINER: Chan, Christina
LEGAL REPRESENTATIVE: Diprima, Joseph F., North, Robert J., Panzer, Curtis C.
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
LINE COUNT: 691
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Novel **cyclosporin** analogs containing a MeAla or MeAbu residue at the 6-position of the cyclic undecapeptide have been synthesized and found unexpectedly to exhibit antagonistic activity toward **cyclosporin** A binding to its cytosolic protein receptor, cyclophilin, without being immunosuppressive.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 27 OF 38 USPATFULL
ACCESSION NUMBER: 88:59156 USPATFULL
TITLE: Novel **cyclosporins**
INVENTOR(S): Seebach, Dieter, Zurich, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE	
PATENT INFORMATION:	US 4771122		19880913	
APPLICATION INFO.:	US 1987-103990		19871001	(7)

RELATED APPLN. INFO.: Division of Ser. No. US 1986-837434, filed on 7 Mar 1986, now patented, Pat. No. US 4703033

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1985-11029	19850501
	GB 1985-6230	19850511
	GB 1986-2370	19860131

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Phillips, Delbert R.
LEGAL REPRESENTATIVE: Sharkin, Gerald D., Honor, Robert S., McGovern, Thomas O.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 1157
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Cylosporins e.g. of formula II ##STR1## in which X is -**MeBmt**- or -dihydro-**MeBmt**- and

Y is -.alpha.Abu-, -Thr-, -Val- or -Nva-,

wherein the residue at the 3-position, i.e. the residue Z in formula II, is an optically active, .alpha.-N-methylated .alpha.-amino acid residue of the (D)-configuration, possess pharmaceutical, in particular immunosuppressive, anti-inflammatory and anti-parasitic activity, Intermediate **cyclosporin** poly-anions having a de-protonated sarcosyl residue at the 3-position, e.g. polyanions of **cyclosporins** of formula II above wherein X and Y have the meanings given above and Z is -Sar-, in which the said residue Z is de-protonated, are also novel and part of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 28 OF 38 USPATFULL
ACCESSION NUMBER: 88:52079 USPATFULL
TITLE: Novel **cyclosporins**
INVENTOR(S): Wenger, Roland, Riehen, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4764503		19880816
APPLICATION INFO.:	US 1987-49746		19870513 (7)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1986-932760, filed on 19 Nov 1986, now abandoned which is a continuation of Ser. No. US 1985-713259, filed on 19 Mar 1985, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Phillips, Delbert R.
LEGAL REPRESENTATIVE: Sharkin, Gerald D., Honor, Robert S., McGovern, Thomas O.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 888
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB **Cyclosporins** wherein the amino acid residue at the 8-position is a (D)-acyloxy-.alpha.-amino acid residue, typically of formula ##STR1## wherein X=--**MeBmt**-- or --dihydro--**MeBmt**--, Y=--.alpha.Abu--, --Ala--, --Thr--, --Val-- or --Nva--, Z=--Val-- or --Nva-- and Q=R.sub.1 --CO--O--CH(R.sub.2)--CH(CO--)--NH-- wherein R.sub.1 =H, C.sub.1-4 **alkyl** or phenyl and R.sub.2 =H or CH.sub.3, possess immunosuppressive, anti-inflammatory and anti-parasitic activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 29 OF 38 USPATFULL
ACCESSION NUMBER: 87:75000 USPATFULL
TITLE: Novel **cyclosporins**
INVENTOR(S): Seebach, Dieter, Zurich, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4703033		19871027
APPLICATION INFO.:	US 1986-837434		19860307 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1985-6230	19850311
	GB 1985-11029	19850501
	GB 1986-2370	19860131

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Phillips, Delbert R.
LEGAL REPRESENTATIVE: Sharkin, Gerald D., Honor, Robert S., McGovern, Thomas O.
NUMBER OF CLAIMS: 17
EXEMPLARY CLAIM: 1
LINE COUNT: 1262
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB **Cyclosporins** e.g. of formula II ##STR1## in which X is -**MeBmt**- or -dihydro-**MeBmt**- and

Y is -.alpha.Abu-, -Thr-, -Val- or -Nva-,

wherein the residue at the 3-position, i.e. the residue Z in formula II, is an optically active, .alpha.-N-methylated .alpha.-amino acid residue of the (D)-configuration, possess pharmaceutical, in particular immunosuppressive, anti-inflammatory and anti-parasitic activity. Intermediate **cyclosporin** poly-anions having a de-protonated sarcosyl residue at the 3-position, e.g. polyanions of **cyclosporins** of formula II above wherein X and Y have the meanings given above and Z is -Sar-, in which the said residue Z is de-protonated, are also novel and part of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 30 OF 38 USPATFULL
ACCESSION NUMBER: 87:6447 USPATFULL
TITLE: Novel **cyclosporins**
INVENTOR(S): Wenger, Roland, Riehen, Switzerland
Traber, Rene P., Basel, Switzerland
Kobel, Hans, Basel, Switzerland
Hofmann, Hans, Ettingen, Switzerland
PATENT ASSIGNEE(S): Sandoz Ltd., Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 4639434		19870127
APPLICATION INFO.:	US 1985-713429		19850319 (6)

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1984-7618	19840323
	GB 1984-11922	19840510

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Phillips, Delbert R.

LEGAL REPRESENTATIVE: Sharkin, Gerald D., Honor, Robert S., McGovern, Thomas J.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
LINE COUNT: 980
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB **Cyclosporins** wherein the amino acid residue at the 8-position is a (D)-acyloxy-.alpha.-amino acid residue, typically of formula ##STR1## wherein X=-**MeBmt**- or -dihydro-**MeBmt** , Y=-.alpha.Abu-, -Ala-, -Thr , -Val- or -Nva-, Z=-Val- or -Nva- and Q=R.sub.1 --CO--O--CH(R.sub.2)--CH(CO--)--NH--wherein R.sub.1 =H, C.sub.1-4 **alkyl** or phenyl and R.sub.2 =H or CH.sub.3, possess immunosuppressive, anti-inflammatory and anti-parasitic activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L181 ANSWER 31 OF 38 PCTFULL COPYRIGHT 2002 Univentio
ACCESSION NUMBER: 2001072299 PCTFULL ED 20020822
TITLE (ENGLISH): TAXANE-BASED COMPOSITIONS AND METHODS OF USE
TITLE (FRENCH): COMPOSITIONS A BASE DE TAXANE ET PROCEDES D'UTILISATION
INVENTOR(S): ZHANG, Kai; SMITH, Gregory, A.; GUTIERREZ-ROCA, Jose, C.
PATENT ASSIGNEE(S): BAKER NORTON PHARMACEUTICALS, INC.; ZHANG, Kai; SMITH, Gregory, A.; GUTIERREZ-ROCA, Jose, C.
DOCUMENT TYPE: Patent
PATENT INFORMATION:

	NUMBER	KIND	DATE
	WO 2001072299	A1	20011004
DESIGNATED STATES	AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG		
APPLICATION INFO.:	WO 2001-US9382	A	20010323
PRIORITY INFO.:	US 2000-60/191,802		20000324

ABEN Disclosed are taxane-based compositions and methods of using the same to achieve target blood levels of a taxane in a mammal, e.g., to treat taxane-responsive malignant and non-malignant diseases. Compositions of the invention exhibit long-term stability and overall palatability. Also disclosed are methods for using the compositions as analytical tools for pharmacokinetic studies.
ABFR L'invention concerne des compositions a base de taxane et des procedes permettant d'utiliser ces compositions pour atteindre des concentrations sanguines cibles de taxane chez un mammifere, par exemple, pour traiter des maladies malignes et des maladies benignes. Les compositions decrites dans cette invention presentent une stabilite a long terme et une sapidite globale. L'invention concerne egalement des procedes permettant d'utiliser ces compositions comme outils d'analyse dans des etudes pharmacocinetiques.

L181 ANSWER 32 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 577544 EUROPATFULL EW 199401 FS OS STA B
TITLE: Novel **cyclosporins** having modifications at position 1.
Neue Cyclosporine mit Modifikationen in Position-1.
Nouvelles cyclosporines modifiees en position 1.
INVENTOR(S): Boelsterli, Johann Jakob, Brunngasse 4, CH-4463 Buus, CH;

Eberle, Marcel Karl, Bahnhofstrasse 52, CH-4125 Riehen, CH;
Naef, Peto, Marktgasse 8a, CH-4310 Rheinfelden, CH;
Payne, Trevor Glyn, Dalmazirain 26, CH-3005 Berne, CH

PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, D-79539 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1230 Wien, AT, in AT

PATENT ASSIGNEE NO: 201940; 498060; 498070
OTHER SOURCE: ESP1994002 EP 0577544 A1 940105
SOURCE: Wila-EPS-1994-H01-T1a
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 577544	A1	19940105

'OFFENLEGUNGS' DATE: 19940105
APPLICATION INFO.: EP 1993-810113 19930622
PRIORITY APPLN. INFO.: GB 1992-4466 19920302

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 577544 EUROPATFULL EW 199651 ES PS
TITLE: Novel **cyclosporins** having modifications at position 1.
Neue Cyclosporine mit Modifikationen in Position 1.
Nouvelles cyclosporines modifiees en position 1.

INVENTOR(S): Boelsterli, Johann Jakob, Brunngasse 4, CH-4463 Buus, CH;
Eberle, Marcel Karl, Bahnhofstrasse 52, CH-4125 Riehen, CH;
Naef, Peto, Marktgasse 8a, CH-4310 Rheinfelden, CH;
Payne, Trevor Glyn, Dalmazirain 26, CH-3005 Berne, CH

PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, 4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, 79539 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, 1235 Wien, AT, in AT

PATENT ASSIGNEE NO: 201940; 498060; 498070
OTHER SOURCE: EPB1996077 EP 0577544 B1 961218
SOURCE: Wila-EPS-1996-H51-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R NL; R PT; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 577544	B1	19961218

'OFFENLEGUNGS' DATE: 19940105
APPLICATION INFO.: EP 1993-810113 19930622
PRIORITY APPLN. INFO.: GB 1992-4466 19920302
REFERENCE PAT. INFO.: EP 414632 A US 4996193 A

L181 ANSWER 33 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 484081 EUROPATFULL EW 199219 FS GS STA B
TITLE: **Cyclosporins.**
Cyklosporine.
Cyclosporines.
INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH
PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, W-7850 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H., Brunner Strasse 59, A-1235 Vienna, AT, in AT
PATENT ASSIGNEE NO: 001940; 498060; 1297990
OTHER SOURCE: WSP1992035 EP 0484281 A2 920506
SOURCE: Wila-EPZ-1992-H19-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 484281	A2	19920506
'OFFENLEGUNGS' DATE:		19920506
APPLICATION INFO.:	EP 1991-810841	19911030
PRIORITY APPLN. INFO.:	GB 1990-23859	19901102
	GB 1990-23972	19901105
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1991-16836	19910805

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 484081 EUROPATFULL EW 199705 FS PS
TITLE: **Cyclosporins.**
Cyklosporine.
Cyclosporines.
INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH
PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, 4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, 79539 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H., Brunner Strasse 59, 1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 001940; 498060; 1297990
OTHER SOURCE: EPB1997009 EP 0484281 B1 970129

SOURCE: Wila-EPS-1997-H05-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 484281	B1	19970129
'OFFENLEGUNGS' DATE:		19920506
APPLICATION INFO.:	EP 1991-810841	19911030
PRIORITY APPLN. INFO.:	GB 1990-23859	19901102
	GB 1990-23972	19901105
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1991-16836	19910805
REFERENCE PAT. INFO.:	EP 373260 A	GB 2027244 A
	US 4814323 A	

L181 ANSWER 34 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 444897 EUROPATFULL EW 199136 FS OS STA B
TITLE: Novel immunosuppressive **cyclosporin** analogs with modified amino acids at position-8.
Neue immunsuppressive Cyclosporinanaloga mit modifizierten Aminosaeuren in Position 8.
Nouvelles analogues immunosuppressives de la cyclosporine avec des acides aminees modifiees dans la position 8.
INVENTOR(S): Patchett, Arthur A., 1090 Minisink Way, Westfield, NJ 07090, US;
Taub, David, 54 Wistar Avenue, Metuchen, NJ 08840, US;
Goegelman, Robert T., 437 Academy Terrace, Linden, NJ 07036, US
PATENT ASSIGNEE(S): MERCK & CO. INC., 126, East Lincoln Avenue P.O. Box 2000, Rahway New Jersey 07065-0900, US
PATENT ASSIGNEE NO: 200479
AGENT: Thompson, John Dr. et al, Merck & Co., Inc. European Patent Department Terlings Park Eastwick Road, Harlow, Essex CM20 2QR, GB
AGENT NUMBER: 82771
OTHER SOURCE: ESP1991064 EP 0444897 A1 910904
SOURCE: Wila-EPS-1991-H36-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R CH; R DE; R FR; R GB; R IT; R LI; R NL
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 444897	A1	19910904
'OFFENLEGUNGS' DATE:		19910904
APPLICATION INFO.:	EP 1991-301581	19910227
PRIORITY APPLN. INFO.:	US 1990-485820	19900227

L181 ANSWER 35 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 307077 EUROPATFULL EW 198911 FS OS STA B
TITLE: Tetrahydrocarbazoles for the improvement of **cyclosporin** therapy.

Tetrahydrocarbazole zur Verbesserung der Cyclosporintherapie.
Tetrahydrocarbazoles pour une therapie avec de la cyclosporine.

INVENTOR(S): Ford-Hutchinson, Anthony W., 69 Hyde Park, Beaconsfield, QUE H9W 5L7, CA
PATENT ASSIGNEE(S): MERCK FROSST CANADA INC., 16711 Trans-Canada Highway, Kirkland Quebec, CA
PATENT ASSIGNEE NO: 123670
AGENT: Hesketh, Alan, Dr. et al, European Patent Department Merck & Co., Inc. Terlings Park Eastwick Road, Harlow Essex, CM20 2QR, GB
AGENT NUMBER: 31763
OTHER SOURCE: ESP1989011 EP 0307077 A1 890315
SOURCE: Wila-EPZ-1989-H11-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R CH; R DE; R FR; R GB; R IT; R LI; R NL
PATENT INFO.PUB.TYPE: EPA1 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 307077	A1	19890315
'OFFENLEGUNGS' DATE:		19890315
APPLICATION INFO.:		19880718
PRIORITY APPLN. INFO.:		19870721

L181 ANSWER 36 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 296123 EUROPATFULL EW 198851 FS OS STA B
TITLE: Cyclic peptolides.
Zyklische Peptolide.
Peptolides cycliques.
INVENTOR(S): Dreyfuss, Michael Morris, Paradieshofstrasse 82, CH-4054 Basle, CH;
Schreier, Max H., Oberwilerstrasse 50, CH-4054 Basle, CH;
Tscherter, Hans, Baselmattweg 191/31, CH-4123 Allschwil, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH
PATENT ASSIGNEE(S): SANDOZ AG, Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, D-7850 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 201341; 498060; 498070
OTHER SOURCE: ESP1988048 EP 0296123 A2 881221
SOURCE: Wila-EPZ-1988-H51-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 296123	A2	19881221
'OFFENLEGUNGS' DATE:		19881221
APPLICATION INFO.:	EP 1988-810408	19880615
PRIORITY APPLN. INFO.:	CH 1987-2317	19870619
	CH 1987-2517	19870702

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 296123 EUROPATFULL EW 199435 FS PS STA B
TITLE: Cyclic peptolides.
Zyklische Peptolide.
Peptolides cycliques.
INVENTOR(S.: Dreyfuss, Michael Morris, Paradieshofstrasse 82, CH-4054 Basle, CH;
Schreier, Max H., Oberwilerstrasse 50, CH-4054 Basle, CH;
Tscherter, Hans, Baselmattweg 191/31, CH-4123 Allschwil, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Haslberger, Alexander, Dr., Prehausergasse 41, A-1130 Wien, AT
PATENT ASSIGNEE(S): SANDOZ AG, Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, D-79539 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1230 Wien, AT, in AT
PATENT ASSIGNEE NO: 201941; 498060; 498070
OTHER SOURCE: EPB1994061 EP 0296123 B1 940831
SOURCE: Wila EPS-1994-H35 T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 296123	B1	19940831
'OFFENLEGUNGS' DATE:		19881221
APPLICATION INFO.: EP 1988-810408		19880615
PRIORITY APPLN. INFO.: CH 1987-2317		19870619
CH 1987-2517		19870702
REFERENCE PAT. INFO.: GB 2061946 A		

L181 ANSWER 37 OF 38 EUROPATFULL COPYRIGHT 2003 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 296122 EUROPATFULL EW 198851 FS OS STA B
TITLE: **Cyclosporins** and their use as pharmaceuticals.
Cyclosporine und deren Benutzung als Arzneimittel.
Cycloporines et leur emploi comme medicaments.
INVENTOR(S): Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH;
Boelsterli, Johann Jakob, Brunngasse, CH-4463 Buus, CH;
Borel, Jean-Francois, Dornachweg 4, CH-4144 Arlesheim, CH;
Krieger, Manfred, Hauptstrasse 91, CH-4422 Arisdorf, CH;
Payne, Trevor Glyn, Dalmazirain 26, CH-3005 Bern, CH;
Traber, Rene P., Wilhelm-His-Strasse 11, CH-4056 Basel, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH
PATENT ASSIGNEE(S): SANDOZ AG, Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, D-7850 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 201941; 498060; 498070
OTHER SOURCE: ESP1988048 EP 0296122 A2 881221

SOURCE: Wila-EPS-1988-H51-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 296122	A2	19881221

'OFFENLEGUNGS' DATE: 19881221
APPLICATION INFO.: EP 1988-810403 19880614
PRIORITY APPLN. INFO.: GB 1987-14100 19870617
GB 1987-14090 19870617
GB 1987-14093 19870617
GB 1987-14098 19870617
GB 1987-14115 19870617
GB 1987-14118 19870617
GB 1987-14119 19870617
GB 1987-14125 19870617

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 296122 EUROPATFULL EW 199339 FS PS STA B
TITLE: **Cyclosporins** and their use as pharmaceuticals.
Cyclosporine und deren Benutzung als Arzneimittel.
Cyclosporines et leur emploi comme medicaments.
INVENTOR(S): Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH;
Boelsterli, Johann Jakob, Brunngasse, CH-4463 Buus, CH;
Borel, Jean-Francois, Dornachweg 4, CH-4144 Arlesheim, CH;
Krieger, Manfred, Hauptstrasse 91, CH-4422 Arisdorf, CH;
Payne, Trevor Glyn, Dalmazirain 26, CH-3005 Bern, CH;
Traber, Rene P., Wilhelm His-Strasse 11, CH-4056 Basel, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH
PATENT ASSIGNEE(S): SANDOZ AG, Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, D-79539 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1230 Wien, AT, in AT
PATENT ASSIGNEE NO: 201941; 498060; 498070
OTHER SOURCE: EPB1993051 EP 0296122 B1 930929
SOURCE: Wila-EPS-1993-H39-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 296122	B1	19930929

'OFFENLEGUNGS' DATE: 19881221
APPLICATION INFO.: EP 1988-810403 19880614
PRIORITY APPLN. INFO.: GB 1987-14100 19870617
GB 1987-14090 19870617
GB 1987-14093 19870617
GB 1987-14098 19870617
GB 1987-14115 19870617
GB 1987-14118 19870617
GB 1987-14119 19870617
GB 1987-14125 19870617

REFERENCE PAT. INFO.: EP 194972 A GB 2155936 A

L181 ANSWER 38 OF 38 EUROPATFULL COPYRIGHT 2002 WILA

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 194972 EUROPATFULL EW 199231 FS PS STA B
TITLE: Novel **cyclosporins**.
Cyclosporine.
Cyclosporines.
INVENTOR(S): Seebach, Dieter, Orellistrasse 3, CH-8044 Zurich, CH
PATENT ASSIGNEE(S): SANDOZ AG, Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, FR, GB, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, W-7850 Loerrach, DE, in DE;
SANDOZ-ERFINDUNGEN Verwaltungsgesellschaft m.b.H., Brunner Strasse 59, A-1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 201941; 498060; 498070
OTHER SOURCE: EPB1992038 EP 0194972 B1 920729
SOURCE: Wila-EPS-1992-H31-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R FR; R GB; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 194972	B1	19920729
'OFFENLEGUNGS' DATE:		19860917
APPLICATION INFO.:	EP 1986-810112	19860306
PRIORITY APPLN. INFO.:	GB 1985-6230	19850311
	GB 1985-11029	19850501
	GB 1986-2370	19860131
REFERENCE PAT. INFO.:	EP 56782 A	

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L361 ANSWER 1 OF 5 USPATFULL
ACCESSION NUMBER: 2002:224588 USPATFULL
TITLE: Methods of using inhibitors of cyclophilin rotamase activity to affect neurological activity
INVENTOR(S): Steiner, Joseph P., Finksburg, MD, United States
Hamilton, Gregory S., Catonsville, MD, United States
Snyder, Solomon H., Baltimore, MD, United States
PATENT ASSIGNEE(S): Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
Johns Hopkins University School of Medicine, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6444643	B1	20020903
APPLICATION INFO.:	US 1999-321762		19990528 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-560685, filed on 20 Nov 1995, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kunz, Gary L.
ASSISTANT EXAMINER: Gucker, Stephen
LEGAL REPRESENTATIVE: Howrey Simon Arnold & White, LLP
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 923
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to the method of using neurotrophic cyclophilin inhibitor compounds having an affinity for cyclophilin-type immunophilins as inhibitors of the enzyme activity associated with immunophilin proteins, and particularly inhibitors of peptidyl-prolyl isomerase or rotamase enzyme activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 2 OF 5 USPATFULL
ACCESSION NUMBER: 2001:102610 USPATFULL
TITLE: **Cyclosporin** fermentation process
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, ReneP., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6255100	B1	20010703
APPLICATION INFO.:	US 1999-392282		19990909 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-84709, filed on 26 May 1998, now patented, Pat. No. US 5981479 Division of Ser. No. US 1995-427312, filed on 24 Apr 1995, now patented, Pat. No. US 5767069 Continuation of Ser. No. US 1994-232795, filed on 25 Apr 1994, now abandoned Continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned Continuation of Ser. No. US 1991-785959, filed on 31 Oct 1991, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-23959	19901102
	GB 1990-23970	19901105

	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Lopez, Gabriel
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 809
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Cyclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 3 OF 5 USPATFULL
ACCESSION NUMBER: 1999:141886 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981479		19991109
APPLICATION INFO.:	US 1998-84709		19980526 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-427312, filed on 24 Apr 1995, now patented, Pat. No. US 5767069

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia J.
LEGAL REPRESENTATIVE: Lopez, Gabriel, Furman, Diane E.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 841
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Cyclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 4 OF 5 USPATFULL
ACCESSION NUMBER: 1998:68992 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, Great Britain

Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland

PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5767069		19980616
APPLICATION INFO.:	US 1995-427312		19950424 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-232795, filed on 25 Apr 1994, now abandoned which is a continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned which is a continuation of Ser. No. US 1991-785959, filed on 31 Oct 1991, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Achutamurthy, Ponnathapura
ASSISTANT EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Mathias, Marla J., McGovern, Thomas O.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 779
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Nonimmunosuppressant **cyclosporin** derivatives having cyclophilin-binding activity, for example, the compound, [MeIle].sup.4 -ciclosporin, are useful in inhibiting HIV-1 replication in treating AIDS and AIDS related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 5 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 484281 EUROPATFULL EW 199219 FS OS STA B
TITLE: **Cyclosporins**.
Zyklosporine.
Cyclosporines.

INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH

PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, W-7850 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.,

Brunner Strasse 59, A-1235 Vienna, AT, in AT

PATENT ASSIGNEE NO: 201940; 498060; 1297990
OTHER SOURCE: ESP1992035 EP 0484281 A2 920506
SOURCE: Wila-EPS-1992-H19-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 484281	A2	19920506
'OFFENLEGUNGS' DATE:		19920506
APPLICATION INFO.: EP 1991-810841		19911030
PRIORITY APPLN. INFO.: GB 1990-23859		19901102
GB 1990-23972		19901105
GB 1990-23970		19901105
GB 1990-23971		19901105
GB 1991-16836		19910805

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 484281 EUROPATFULL EW 199705 FS PS
TITLE: **Cyclosporins.**
Zyklosporine.
Cyclosporines.
INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH
PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, 4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, 79539 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H., Brunner Strasse 59, 1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 201940; 498060; 1297990
OTHER SOURCE: EPB1997009 EP 0484281 B1 970129
SOURCE: Wila-EPS-1997-H05-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPB1 EUROPAEISCHE PATENTSCHRIFT
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 484281	B1	19970129
'OFFENLEGUNGS' DATE:		19920506
APPLICATION INFO.: EP 1991-810841		19911030
PRIORITY APPLN. INFO.: GB 1990-23859		19901102
GB 1990-23972		19901105
GB 1990-23970		19901105
GB 1990-23971		19901105
GB 1991-16836		19910805
REFERENCE PAT. INFO.: EP 373260 A		GB 2227244 A
US 4814323 A		

L361 ANSWER 1 OF 5 USPATFULL
ACCESSION NUMBER: 2002:224588 USPATFULL
TITLE: Methods of using inhibitors of cyclophilin rotamase activity to affect neurological activity
INVENTOR(S): Steiner, Joseph P., Finksburg, MD, United States
Hamilton, Gregory S., Catonsville, MD, United States
Snyder, Solomon H., Baltimore, MD, United States
PATENT ASSIGNEE(S): Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
Johns Hopkins University School of Medicine, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6444643	B1	20020903
APPLICATION INFO.:	US 1999-321762		19990528 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-560685, filed on 20 Nov 1995, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kunz, Gary L.
ASSISTANT EXAMINER: Gucker, Stephen
LEGAL REPRESENTATIVE: Howrey Simon Arnold & White, LLP
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 923
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to the method of using neurotrophic cyclophilin inhibitor compounds having an affinity for cyclophilin-type immunophilins as inhibitors of the enzyme activity associated with immunophilin proteins, and particularly inhibitors of peptidyl-prolyl isomerase or rotamase enzyme activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> d l261 1-5 ibib abs
L261 HAS NO ANSWERS
L1 QUE ABB=ON PLU=ON CYCLOSPORIN AND (SYNTHESIS OR SYNTHESISED)
L21 16 SEA FILE=IFIPAT ABB=ON PLU=ON L1 AND ALKYL
L201 0 SEA FILE=IFIPAT ABB=ON PLU=ON L21 AND (POSITION (W) 4 OR 4 (W) POSITION)
L261 0 SEA FILE=IFIPAT ABB=ON PLU=ON L201 AND PHARMACEUTICAL

=> d 361 1-5 ibib abs
5 ANSWERS ARE AVAILABLE. SPECIFIED ANSWER NUMBER EXCEEDS ANSWER SET SIZE
The answer numbers requested are not in the answer set.
ENTER ANSWER NUMBER OR RANGE (1):l361
ANSWER NUMBERS NOT CORRECTLY SPECIFIED
Enter an answer number, Example: 10
several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
ENTER ANSWER NUMBER OR RANGE (1):
<------User Break------>

ENTER ANSWER NUMBER OR RANGE (1):l361 1-5 ibib bas
ANSWER NUMBERS NOT CORRECTLY SPECIFIED
Enter an answer number, Example: 10
several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
ENTER ANSWER NUMBER OR RANGE (1):

<------User Break------>

ENTER ANSWER NUMBER OR RANGE (1): d l361 1-5 ibib bas
ANSWER NUMBERS NOT CORRECTLY SPECIFIED
Enter an answer number, Example: 10
several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
ENTER ANSWER NUMBER OR RANGE (1):all
ANSWER NUMBERS NOT CORRECTLY SPECIFIED
Enter an answer number, Example: 10
several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
ENTER ANSWER NUMBER OR RANGE (1):d l361 all
ANSWER NUMBERS NOT CORRECTLY SPECIFIED
Enter an answer number, Example: 10
several answer numbers, Example: 3,7,10
a range of answer numbers, Example: 5-10
or a combination of these. Example: 3,7,9-10,15
ENTER ANSWER NUMBER OR RANGE (1):1-5

L361 ANSWER 1 OF 5 USPATFULL
ACCESSION NUMBER: 2002:224588 USPATFULL
TITLE: Methods of using inhibitors of cyclophilin rotamase activity to affect neurological activity
INVENTOR(S): Steiner, Joseph P., Finksburg, MD, United States
Hamilton, Gregory S., Catonsville, MD, United States
Snyder, Solomon H., Baltimore, MD, United States
PATENT ASSIGNEE(S): Guilford Pharmaceuticals Inc., Baltimore, MD, United States (U.S. corporation)
Johns Hopkins University School of Medicine, Baltimore, MD, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6444643	B1	20020903
APPLICATION INFO.:	US 1999-321762		19990528 (9)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1995-560685, filed on 20 Nov 1995, now abandoned
DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Kunz, Gary L.
ASSISTANT EXAMINER: Gucker, Stephen
LEGAL REPRESENTATIVE: Howrey Simon Arnold & White, LLP
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1 Drawing Figure(s); 1 Drawing Page(s)
LINE COUNT: 923
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB This invention relates to the method of using neurotrophic cyclophilin inhibitor compounds having an affinity for cyclophilin-type immunophilins as inhibitors of the enzyme activity associated with immunophilin proteins, and particularly inhibitors of peptidyl-prolyl isomerase or rotamase enzyme activity.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 2 OF 5 USPATFULL
ACCESSION NUMBER: 2001:102610 USPATFULL
TITLE: **Cyclosporin** fermentation process
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, ReneP., Basel, Switzerland

Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 6255100	B1	20010703
APPLICATION INFO.:	US 1999-392282		19990909 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1998-84709, filed on 26 May 1998, now patented, Pat. No. US 5981479 Division of Ser. No. US 1995-427312, filed on 24 Apr 1995, now patented, Pat. No. US 5767069 Continuation of Ser. No. US 1994-232795, filed on 25 Apr 1994, now abandoned Continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned Continuation of Ser. No. US 1991-785959, filed on 31 Oct 1991, now abandoned

PRIORITY INFORMATION:	NUMBER	DATE
	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: GRANTED
PRIMARY EXAMINER: Wessendorf, T. D.
LEGAL REPRESENTATIVE: Lopez, Gabriel
NUMBER OF CLAIMS: 3
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 809
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Ciclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 3 OF 5 USPATFULL
ACCESSION NUMBER: 1999:141886 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, United Kingdom
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5981479		19991109
APPLICATION INFO.:	US 1998-84709		19980526 (9)

RELATED APPLN. INFO.: Division of Ser. No. US 1995-427312, filed on 24 Apr 1995, now patented, Pat. No. US 5767069

PRIORITY INFORMATION:	NUMBER	DATE
	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Tsang, Cecilia J.
LEGAL REPPESENTATIVE: Lopez, Gabriel, Furman, Diane E.
NUMBER OF CLAIMS: 12
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 841
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB It has been found that nonimmunosuppressive, cyclophilin-binding **cyclosporins** are useful in the treatment and prevention of AIDS and AIDS-related disorders. Such **cyclosporins** include novel Ciclosporin derivatives modified at the 4- and/or 5-positions.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 4 OF 5 USPATFULL
ACCESSION NUMBER: 1998:68992 USPATFULL
TITLE: **Cyclosporins**
INVENTOR(S): Ko, Soo Young, London, Great Britain
Kobel, Hans, Basel, Switzerland
Besemer-Rosenwirth, Brigitte, Modling, Austria
Seebach, Dieter, Zurich, Switzerland
Traber, Rene P., Basel, Switzerland
Wenger, Roland, Riehen, Switzerland
Bollinger, Pietro, Bottmingen, Switzerland
PATENT ASSIGNEE(S): Novartis AG, Basel, Switzerland (non-U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5767069		19980616
APPLICATION INFO.:	US 1995-427312		19950424 (8)

RELATED APPLN. INFO.: Continuation of Ser. No. US 1994-232795, filed on 25 Apr 1994, now abandoned which is a continuation of Ser. No. US 1993-57067, filed on 3 May 1993, now abandoned which is a continuation of Ser. No. US 1991-785959, filed on 31 Oct 1991, now abandoned

	NUMBER	DATE
PRIORITY INFORMATION:	GB 1990-23859	19901102
	GB 1990-23970	19901105
	GB 1990-23971	19901105
	GB 1990-23972	19901105
	GB 1991-16836	19910805

DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Achutamurthy, Ponnathapura
ASSISTANT EXAMINER: Wessendorf, T. D.
LEGAL REPPESENTATIVE: Mathias, Marla J., McGovern, Thomas O.
NUMBER OF CLAIMS: 6
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 3 Drawing Figure(s); 3 Drawing Page(s)
LINE COUNT: 779
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Nonimmunosuppressant **cyclosporin** derivatives having cyclophilin-binding activity, for example, the compound, [MeIle].sup.4 -ciclosporin, are useful in inhibiting HIV-1 replication in treating AIDS and AIDS related disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L361 ANSWER 5 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

ACCESSION NUMBER: 484281 EUROPATFULL EW 199219 FS OS STA B
TITLE: **Cyclosporins**.
Zyklosporine.
Cyclosporines.
INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH
PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, CH-4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, W-7850 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H., Brunner Strasse 59, A-1235 Vienna, AT, in AT
PATENT ASSIGNEE NO: 201940; 498060; 1297990
OTHER SOURCE: ESP1992035 EP 0484281 A2 920506
SOURCE: Wila-EPZ-1992-H19-T1
DOCUMENT TYPE: Patent
LANGUAGE: Anmeldung in Englisch; Veroeffentlichung in Englisch
DESIGNATED STATES: R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE
PATENT INFO.PUB.TYPE: EPA2 EUROPAEISCHE PATENTANMELDUNG
PATENT INFORMATION:

PATENT NO	KIND	DATE
EP 484281	A2	19920506
'OFFENLEGUNGS' DATE:		19920506
APPLICATION INFO.: EP 1991-810841		19911030
PRIORITY APPLN. INFO.: GB 1990-23859		19901102
GB 1990-23972		19901105
GB 1990-23970		19901105
GB 1990-23971		19901105
GB 1991-16836		19910805

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

ACCESSION NUMBER: 484281 EUROPATFULL EW 199705 FS PS
TITLE: **Cyclosporins**.
Zyklosporine.
Cyclosporines.
INVENTOR(S): Ko, Soo Young, Flat 5, 42 Belsize Park Gardens, London NW3 4LY, GB;
Kobel, Hans, Weissensteinstrasse 1, CH-4059 Basle, CH;
Rosenwirth, Brigitte, C. Zwillinggasse 17, A-2340 Moedling, AT;
Seebach, Dieter, Orellistrasse 3, CH-8044 Zuerich, CH;
Traber, Rene P., Hirzbodenpark 20, CH-4052 Basle, CH;
Wenger, Roland, Grenzacherweg 45, CH-4125 Riehen, CH;
Bollinger, Pietro, Gustackerstrasse 56, CH-4103 Bottmingen, CH
PATENT ASSIGNEE(S): SANDOZ LTD., Lichtstrasse 35, 4002 Basel, CH, in BE, CH, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE;
SANDOZ-PATENT-GMBH, Humboldtstrasse 3, 79539 Loerrach, DE, in DE;
SANDOZ ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H., Brunner Strasse 59, 1235 Wien, AT, in AT
PATENT ASSIGNEE NO: 201940; 498060; 1297990
OTHER SOURCE: EPB1997009 EP 0484281 B1 970129
SOURCE: Wila-EPS-1997-H05-T1
DOCUMENT TYPE: Patent

LANGUAGE:	Anmeldung in Englisch; Veroeffentlichung in Englisch			
DESIGNATED STATES:	R AT; R BE; R CH; R DE; R DK; R ES; R FR; R GB; R GR; R IT; R LI; R LU; R NL; R SE			
PATENT INFO.PUB.TYPE:	EPB1 EUROPAEISCHE PATENTSCHRIFT			
PATENT INFORMATION:				
	PATENT NO		KIND	DATE
	EP 484281		B1	19970129
'OFFENLEGUNGS' DATE:				19920506
APPLICATION INFO.:	EP 1991-810841			19911030
PRIORITY APPLN. INFO.:	GB 1990-23859			19901102
	GB 1990-23972			19901105
	GB 1990-23970			19901105
	GB 1990-23971			19901105
	GB 1991-16836			19910805
REFERENCE PAT. INFO.:	EP 373260	A	GB 2227244	A
	US 4814323	A		

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